

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Winthrop D. Childers et al

Confirmation No.: 2886

Application No.: 10/699435

Examiner: Melissa J Koval

Filing Date: Oct 31, 2003

Group Art Unit: 2851

Title: System For Enhancing The Quality Of An Image

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

under 37 CFR 1.97 (c) together with either a:  
 Statement under 37 CFR 1.97(e), or  
 a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

under 37 CFR 1.97 (d) together with a:  
 Statement under 37 CFR 1.97(e)(1) or (2), and  
 a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of **\$180.00**. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: 5/11/04  
OR

I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number \_\_\_\_\_ on \_\_\_\_\_  
Number of pages: \_\_\_\_\_

Typed Name: Timothy F. Myers

Signature: Timothy F. Myers

Respectfully submitted,

Winthrop D. Childers et al

By Timothy F. Myers

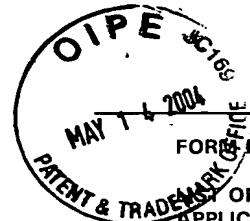
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Date: 5/11/04

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FORM PTO-1449

STATEMENT  
OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
10019416-7	10/699,435	2886
APPLICANT	Winthrop D Childers et al	
FILING DATE	GROUP	
Oct 31, 2003	2851	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
1A	5,274,492	Dec 28, 1993	Razzaghi	
1B	4,759,605	Jul 26, 1988	Shen et al	
1C	5,633,755	May 27, 1997	Manabe et al	
1D	5,777,589	Jul 07, 1998	Gale et al	
1E	5,934,778	Aug 10, 1999	Shioya	
1F	6,100,862	Aug 08, 2000	Sullivan	
1G	6,183,092	Feb 06, 2001	Troyer	
1H	6,231,190	May 15, 2001	Dewald	
1I	6,243,057	Jun 05, 2001	Blaxtan et al	
1J	6,246,446	Jun 12, 2001	Heimbuch et al	
1K	6,280,035	Aug 28, 2001	Tadic-Galeb et al	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L					
1M					
1N					
1O					
1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	
1R	
1S	

EXAMINER

DATE CONSIDERED

FORM PTO-1449		ATTY. DOCKET NO. <b>10019416-7</b>	APPLICATION NO. <b>10/699,435</b>	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT <b>Winthrop D Childers et al</b>		
(Use several sheets if necessary)		FILING DATE <b>Oct 31, 2003</b>	GROUP <b>2851</b>	

## REFERENCE DESIGNATION                    U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
2A	6,293,680	Sep 25, 2001	Bruns	
2B	6,304,316	Oct 16, 2001	Jain et al	
2C	6,327,007	Dec 04, 2001	Shim	
2D	5,993,009	Nov 1999	Choate	
2E	5,661,546	Aug 1997	Taniguchi	
2F	6,416,185	Jul 2002	Smith	
2G	6,267,478	Jul 2001	Chen	
2H	6,048,080	Apr 2000	Belliveau	
2I	6,264,333	Jul 2001	Iizuka	
2J	5,795,058	Aug 1998	Owen	
2K	6,220,730	Apr 2001	Hewlett et al	

## FOREIGN PATENT DOCUMENTS

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	2L					
	2M					
	2N					
	2O					
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2Q	
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
3A	3,603,722	Sep 1971	Graham	
3B	6,457,833	Oct 2002	Ishikawa et al	
3C				
3D				
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3J				
3K				

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